

AMENDMENTS TO THE CLAIMS

- Please amend pending claims 1-15 as indicated below. A complete listing of all claims and their status in the application are as follows:

1. (currently amended) A method for ~~integrating material~~controlling quality data, used to ~~connect manufactories of a manufacturer through a network communication system to a system for integrating material~~ quality data, so as to allow the manufactories to immediately monitor qualities of incoming materials provided by material suppliers, wherein the integrating system has a supplier database for storing basic data of the material suppliers and an examination database for storing quality examined data established by the manufactories, and each of the material suppliers has a supplier code corresponding to the basic data thereof; the method comprising the steps of:
 - (1) ~~submitting a request for establishing~~measuring quality examined data of an incoming material a plurality of different types of materials via a user at a terminal device of a manufactory through a browser of the terminal device and the network communication system to the integrating system; transmitting a data input table to the browser of the terminal device via the integrating system, so as to allow the user to input the quality examined data; and storing the quality examined data inputted by the user via the integrating system into the examination database, wherein the quality examined data includes a supplier from a plurality of suppliers code of a material supplier who provides the at a first incoming material, and a material name of the incoming material quality control department of a first factory;
 - (2) ~~submitting a request for inquiring material incoming conditions of material suppliers via the manufactory to the integrating system; searching via the integrating system in the examination database for quality examined data corresponding to~~ establishing a supplier database for entry of information for each supplier codes of the material comprising: identification suppliers, and integrating the searched quality examined data of the same supplier code, so as to calculate a number of incoming the types of material measured, the quantities received, and the quantities rejected categories, a number of times of material inferiority in quality examination and a quantity of incoming materials

~~for each of the material suppliers; and displaying the calculated data via the integrating system in a form of a quality display table on the browser of the terminal device, so as to allow the user at the terminal device to obtain the material incoming conditions of the material suppliers; and~~

(3) ~~submitting a request for inquiring a quality condition of an incoming material provided by a certain material determining from a supplier identification via the manufactory to the integrating system; retrieving quality examined data from the examination database via the integrating system corresponding to a supplier code and a and type of material name inputted by the user at the terminal device; and displaying the retrieved quality examined data via the integrating system in a form of a condition display table on the browser of the terminal device, so as to allow the user to obtain the material quality condition of the quality examined data at a second incoming quality control department of a second factory the quality of the type of material from the supplier.~~

2. (currently amended) The method of claim 1, wherein in the step (1), ~~the measuring the quality examined data of the incoming material includes determining~~: a material category number, the material ~~name~~type, the supplier code, a total quantity of the material, a sampling quantity of the material for examination, a quantity of inferior material, a report of inferior material inferiority, and a quantity of the material passing the examination.

3. (currently amended) The method of claim 1, ~~wherein prior to performing the step (2), the integrating system searches further comprising adding additional information to the supplier the examination database from the first, second, or an additional factory before step (3) if there are newly established quality examined data relating to an incoming material inferior in quality; and if such quality examined data are available, the integrating system forms a condition display table by the searched quality examined data of material inferiority, and displays the condition display table through the network communication~~new information becomes available and to provide system to the browser of the terminal device of the manufactory, so as to immediately inform the manufactory of a warning message of material inferiority if the quality for a supplier falls below a predetermined level.

4. (currently amended) The method of claim 1, wherein in the step (2), establishing the supplier data base comprises forming a the quality display table of the material for a supplier includes including:

quality data of incoming of materials provided by the material supplier; and the quality data include the number of the incoming different types of material categories, provided by the supplier;
the number of times the supplier has provided inferior of material; and
the inferiority in quality examination, a report of material inferiority, a sampling quantity of the incoming materials the supplier has provided, for quality examination and the quantity of the incoming materials, whereas the supplier code of the material supplier is used as an identification number of the quality data.
5. (currently amended) The method of claim 1, wherein in the step (2), establishing the supplier database continues the material incoming condition of the material supplier is determined for a period of time to determine, so as to allow the manufactory to realize a material supplying condition of the material supplier quality over the period of time, for determining a material number for examination.
6. (currently amended) The method of claim 1, wherein in the step (3), the material quality condition of the quality examined data is determined for a period of time, so as to allow the manufactory to realize a material supplying condition of the material supplier for determining a material number for examination, further comprising:

measuring a sampling quantity of a type of material from a supplier; and
utilizing the quantities of the material received and the quantities of the material rejected to determine whether to reject or accept the sampling quantity.
7. (currently amended) The method of claim 1, wherein the further comprising an internet or intranet network communication system is internet or intranet to connect the first and second incoming quality control departments.
8. (currently amended) A quality control system for integrating material quality data, connected to manufactories of a manufacturer through a network communication system, so as to allow the manufactories to immediately monitor qualities of incoming materials provided by material suppliers, wherein the integrating system has a supplier database for

~~storing basic data of the material suppliers, and each of the material suppliers has a supplier code corresponding to the basic data thereof; the system comprising:~~

a measuring system for measuring quality of a plurality of different types materials from a plurality of suppliers at a first incoming quality control department of a first factory;

an examination database for storing quality examined data from the measuring system for each supplier comprising: identification, the types of material measured, the quantities received, and the quantities rejected established by an manufactory; and

an analyzing module for receiving an input request submitted by a user at a terminal device of the manufactory, and for generating a corresponding signal according to the input request;

a tabling module having a plurality of tables, for transmitting a corresponding table according to the corresponding signal generated by the analyzing module, and for displaying the corresponding table to a browser of the terminal device for display, so as to allow the user to input data or obtain desired data according to the displayed table; and

a retrieving module for retrieving the quality data using a supplier identification and type of material at a second incoming quality control department of a second factory the quality of the type of material from the supplier, the inputted data of the user at the terminal device from the displayed table, wherein if the user submits a request for establishing quality examined data of an incoming material to the analyzing module, the tabling module is prompted by the analyzing module to transmit a data input table to the browser of the terminal device for allowing the user to input the quality examined data; and if the quality examined data are inputted by the user and transmitted to the analyzing module, the retrieving module is prompted to receive the quality examined data from the analyzing module, and take a supplier code in the quality examined data as an identification number, allowing the quality examined data to be stored in the examination database.

9. (currently amended) The system of claim 8, wherein the measuring system includes: a material category number, the material type, the supplier code, a total quantity of the material, a sampling quantity of the material for examination, a quantity of inferior

material, a report of inferior material, and a quantity of the material passing the examination. if the user at the terminal device of the manufactory submits a request for inquiring material incoming conditions of material suppliers to the analyzing module, the retrieving module is prompted by the analyzing module to search in the examination database for quality examined data corresponding to supplier codes of the material suppliers, and the analyzing module integrates the searched quality examined data of the same supplier code, so as to calculate a number of incoming material categories, a number of times of material inferiority in quality examination a sampling quantity of incoming materials for quality examination and a quantity of the incoming materials for each of the material suppliers; and the tabling module is prompted by the analyzing module to display the calculated data in a form of a quality display table on the browser of the terminal device, whereas the quality display table includes quality data of the incoming materials provided by the material supplier, and the quality data include the number of the incoming material categories, the number of times of material inferiority in quality examination, a report of material inferiority, the sampling quantity of the incoming materials for quality examination and the quantity of the incoming materials, allowing the supplier code of the material supplier to be used as an identification number of the quality data.

10. (currently amended) The system of claim 8, further comprising an additional incoming quality control department at an additional factory wherein if the user at the terminal device submits a request for inquiring a quality condition of an incoming material to the analyzing module, the retrieving module is prompted by the analyzing module to retrieve quality examined data from the examination database corresponding to a material name of the incoming material, and the tabling module is prompted by the analyzing module to display the retrieved quality examined data in a form of a condition display table on the browser of the terminal device.
11. (currently amended) The system of claim 8, wherein the retrieving module is prompted by the analyzing module to search the examination database if there are newly established quality examined data relating to an incoming material inferior in quality; and if such quality examined data are available, the analyzing module forms a condition display table by the searched quality examined data of material inferiority, and displays

~~the condition display table through the network communication system to the browser of the terminal device of the manufactory, so as to immediately inform the manufactory of a warning message of material inferiority.~~ database has a quality display table for each supplier including:

quality of materials provided by the supplier; the number of different types of material provided by the supplier;

the number of times the supplier has provided inferior material; and

the quantity of materials the supplier has provided.

12. (currently amended) The system of claim 8, further comprising an additional incoming quality control department at an additional factory connected to the first and second incoming quality control departments at the first and second factories by an internet or intranet wherein the network communication system is internet or intranet.

13. (currently amended) A quality control system for integrating material quality data, connected to manufactories of a manufacturer through a network communication system, so as to allow the manufactories to immediately monitor qualities of incoming materials provided by material suppliers, wherein the integrating system has a supplier database for storing basic data of the material suppliers, and each of the material suppliers has a supplier code corresponding to the basic data thereof; the system comprising:

a measuring system for measuring quality of a plurality of different types materials from a plurality of suppliers at a first incoming quality control department of a first factory;

an examination database for storing quality examined data from the measuring system for each supplier comprising: identification, the types of material measured, the quantities received, and the quantities rejected established by an manufactory;

an analyzing module for accessing the database receiving an input request submitted by a user at a terminal device of the manufactory, and for generating a corresponding signal according to the input request;

a tabling module for organizing information to and from the database having a plurality of tables, for transmitting a corresponding table according to the corresponding signal generated by the analyzing module, and for displaying the corresponding table to a browser of the terminal device for display, so as to allow the user to input data or obtain

desired data according to the displayed table, wherein the tabling module stores at least a data input table, a quality display table and a condition display table; and

a retrieving module for retrieving the inputted quality data using a supplier identification and type of material at a second incoming quality control department of a second factory the quality of the type of material from the supplier, of the user at the terminal device from the displayed table, wherein if the user submits a request for establishing quality examined data of an incoming material to the analyzing module, the tabling module is prompted by the analyzing module to transmit the data input table to the browser of the terminal device for allowing the user to input the quality examined data relating to a category number of the material, a name of the material, a supplier code of a material supplier who provides the material, a quantity of the material, a sampling quantity of the material for quality examination, a quantity of the material inferior in quality, a report of material inferiority and a quantity of the material passing the examination; if the quality examined data are inputted by the user and transmitted to the analyzing module, the retrieving module is prompted to receive the quality examined data from the analyzing module, and take the supplier code of the material supplier in the quality examined data as an identification number, allowing the quality examined data to be stored in the examination database; if the user at the terminal device of the manufactory submits a request for inquiring material incoming conditions of material suppliers to the analyzing module, the retrieving module is prompted by the analyzing module to search in the examination database for quality examined data corresponding to supplier codes of the material suppliers, and the analyzing module integrates the searched quality examined data of the same supplier code, so as to calculate a number of incoming material categories, a number of times of material inferiority in quality examination a sampling quantity of incoming materials for quality examination and a quantity of the incoming materials for each of the material suppliers; and the tabling module is prompted by the analyzing module to display the calculated data in a form of the quality display table on the browser of the terminal device, whereas the quality display table includes quality data of the incoming materials provided by the material supplier, and the quality data include the number of the incoming material categories, the number of times of material inferiority in quality examination, a report of material inferiority, the sampling quantity of the incoming materials for quality examination and

~~the quantity of the incoming materials, allowing the supplier code of the material supplier to be used as an identification number of the quality data; and if the user at the terminal device submits a request for inquiring a quality condition of an incoming material to the analyzing module, the retrieving module is prompted by the analyzing module to retrieve quality examined data from the examination database corresponding to a material name of the incoming material, and the tabling module is prompted by the analyzing module to display the retrieved quality examined data in a form of the condition display table on the browser of the terminal device.~~

14. (currently amended) The system of claim 13, wherein the retrieving module is prompted by the analyzing module to search the examination database if there are newly-established quality examined data relating to an incoming material ~~inferior in quality~~; and if such quality examined data are available, the ~~analyzing~~^{tabling} module forms a condition display ~~displays~~ a table by the searched quality examined data of material inferiority, and displays the condition display table through the network communication system to the browser of the terminal device of the manufactory, so as to immediately inform the manufactory of a warning message of material inferiority.
15. (currently amended) The system of claim 13, ~~wherein the further comprising an internet or intranet~~ network communication system ~~connecting the first and second incoming quality control departments of the first and second factories.~~ ~~is internet or intranet.~~